

PATENT APPLICATION

DOCKET NO.: 2479.1032-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Antoine J. Roupheal, John E. Hoffman, George Rodney Nelson, Jr.  
and James A. Proctor, Jr.

Application No.: 09/772,200

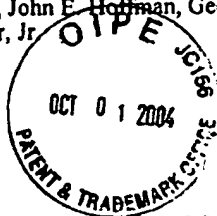
Filed: January 29, 2001

Confirmation No.: 9134

For: METHOD OF USING A NON-ORTHOGONAL PILOT SIGNAL WITH DATA  
CHANNEL INTERFERENCE CANCELLATION

Group: 2631

Examiner: Burd, Kevin Michael



FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
08	0388
FEE CODE	VALUE FURNISHED
20	10.00

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

09-29-04 *Donna Bartolone*

Date Signature

Donna Bartolone

Typed or printed name of person signing certificate

**RECEIVED**  
OCT 06 2004  
Technology Center 2600

PETITION FOR EXTENSION OF TIME

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby petitions the Commissioner for Patents to extend the time for filing a Reply to the Office Action dated June 4, 2004 for one month from September 4, 2004 to October 4, 2004 under 37 C.F.R. § 1.136(a).

	Small Entity	Other than Small Entity
1 month -	\$ 55	X \$ 110
2 months -	\$ 210	\$ 420
3 months -	\$ 475	\$ 950
4 months -	\$ 740	\$1,480
5 months -	\$1,005	\$2,010

- [ X ] A check is enclosed in the amount of the extension fee indicated above, or the extension fee has been included in the check with the accompanying Reply.
- [ ] Please charge Deposit Account No. 08-0380 in the amount of \$[ ] to cover the cost of the extension fee.

Any deficiency or overpayment should be charged or credited to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By *Todd A. Gerety*

Todd A. Gerety  
Registration No. 51,729  
Telephone (978) 341-0036  
Facsimile (978) 341-0136

10/04/2004 ZJUHARI 00000029 09772200

01 FC:1251

110.00 0P

Concord, Massachusetts 01742-9133

Dated: 7/29/04

**BEST AVAILABLE COPY**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

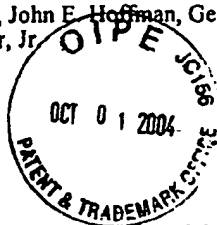
Applicants: Antoine J. Roupheal, John E. Hoffman, George Rodney Nelson, Jr.  
and James A. Proctor, Jr.

Application No.: 09/772,200 Group: 2631

Filed: January 29, 2001 Examiner: Burd, Kevin Michael

Confirmation No.: 9134

For: METHOD OF USING A NON-ORTHOGONAL PILOT SIGNAL WITH DATA  
CHANNEL INTERFERENCE CANCELLATION



**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

09-29-04 *Donna Bartolone*

Date Signature

Donna Bartolone

Typed or printed name of person signing certificate

**RECEIVED**  
—OCT 06 2004  
Technology Center 2600

PETITION FOR EXTENSION OF TIME

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby petitions the Commissioner for Patents to extend the time for filing a Reply to the Office Action dated June 4, 2004 for one month from September 4, 2004 to October 4, 2004 under 37 C.F.R. § 1.136(a).

	<u>Small Entity</u>	<u>Other than Small Entity</u>
1 month -	\$ 55	X \$ 110
2 months -	\$ 210	\$ 420
3 months -	\$ 475	\$ 950
4 months -	\$ 740	\$1,480
5 months -	\$1,005	\$2,010

- [ X ] A check is enclosed in the amount of the extension fee indicated above, or the extension fee has been included in the check with the accompanying Reply.
- [ ] Please charge Deposit Account No. 08-0380 in the amount of \$[ ] to cover the cost of the extension fee.

Any deficiency or overpayment should be charged or credited to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By *Todd A. Gerety*

Todd A. Gerety  
Registration No. 51,729  
Telephone (978) 341-0036  
Facsimile (978) 341-0136

10/04/2004 ZJUHR1 00000029 09772200

01 FC:1251

110.00 0P

Concord, Massachusetts 01742-9133

Dated: 7/29/04

**BEST AVAILABLE COPY**

# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

09 772200

## CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	24	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	24 minus 20 =	4
INDEPENDENT CLAIMS	5 minus 3 =	2
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	26	24	= 2
Independent	10	5	= 5
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

pd \$ 430.00 owe \$ 10.00

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE	355.00	OR	BASIC FEE	710.00
X\$ 9=	36	OR	X\$18=	
X40=	80	OR	X80=	
+135=		OR	+270=	
TOTAL	471	OR	TOTAL	

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X\$ 9=		OR	X\$18=	36
X40=		OR	X80=	440
+135=		OR	+270=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

RATE ADDITIONAL FEE

RATE ADDITIONAL FEE

X\$ 9=		OR	X\$18=	
X40=		OR	X80=	
+135=		OR	+270=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

RATE ADDITIONAL FEE

RATE ADDITIONAL FEE

X\$ 9=		OR	X\$18=	
X40=		OR	X80=	
+135=		OR	+270=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total			=
Independent			=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total			=
Independent			=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE